

SNOW SURVEY
2015-2016

Moon Lake Water Users Association

Snotel Site	As of:		2/6/2017		2/13/2017		2/20/2017		2/27/2017		3/6/2017		3/13/2017		Current % of Average
	Elevation	Average Yearly Amount	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	
Brown Duck Basin <small>(Lakefork (West of Moon Lake))</small>	10,600	19.7	20.2	102.54%	22.2	112.69%	23.8	120.81%	25.1	127.41%	25.8	130.96%	26.2	132.99%	161%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	17.8	18.1	101.69%	20.0	112.36%	21.6	121.35%	23.1	129.78%	23.8	133.71%	24.0	134.83%	164%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	14.1	116.53%	15.0	123.97%	16.1	133.06%	17.1	141.32%	17.3	142.98%	17.6	145.45%	161%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	10.8	180.00%	11.8	196.67%	12.8	213.33%	13.5	225.00%	14.1	235.00%	13.7	228.33%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	22.8	102.24%	26.1	117.04%	27.4	122.87%	29.1	130.49%	0.0	0.00%	30.3	135.87%	180%
Chepeta <small>Whiterocks River</small>	10,300	14.6	12.4	84.93%	13.2	90.41%	14.9	102.05%	15.8	108.22%	16.5	113.01%	16.7	114.38%	137%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	12.4	106.90%	14.7	126.72%	16.5	142.24%	18.0	155.17%	19.1	164.66%	19.1	164.66%	199%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,119.7	25,098	8,120.3	25,515	8,121.0	26,006	8,121.7	26,499	8,122.3	26,923	8,122.9	27,349	72.26%		
Big Sand Wash	5918.1	25,798	5,917.3	25,324	5,917.4	25,383	5,917.5	25,383	5,917.8	25,561	5,917.6	25,502	5,918.1	25,798	100.00%		
Twin Pots	33.0	4,133	8.6	473	8.3	447	8.1	430	8.0	419	7.5	411	7.3	407	9.85%		
Brown Draw	6050.0	5,901	6,048.0	5,553	6,048.0	5,553	6,048.0	5,553	6,048.1	5,553	6,048.1	5,553	6,048.1	5,553	94.10%		
Total		73680		56448		56899		57372		58032		58389		59108	80.22%		